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10/624,230

07/22/2003

Nathan John Norris

TYCO 18032 (AT
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06/17/2004

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EXAMINER

VU, HIEN D

ART UNIT

PAPER NUMBER

2833

DATE MAILED: 06/17/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/624,230

Applicant(s)

NORRIS ET AL.

Examiner

Hien D. Vu

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AW

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-5, 7-9, 11-15 and 17-18 is/are rejected.
- 7) ☒ Claim(s) 6, 10, 16 and 19 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

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1. Claims 1-19 are objected to because in claims 1, 11 and 19, applicant should clarify the structural relationship of open and closed positions with respect to the cover and the base; claim 6, line 3, "can" should be -- cam --.

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

3. (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-5, 7-9, 11-15 and 17-18 are rejected under 35 U.S.C. 102(b) as being anticipated by Orwoll.

The disclosure of Orwoll shows a complete response to each and every element set forth in the claims. For example: Figs. 1-8 and 14 show a cover 24, a base 12, a cam assembly (22, 28) and a bias element 32.

As to claim 2, a side of element 14 for engaging with an end of a spring 32 is read as the recited bias element stop surface.

As to claim 3, a longitudinal groove in the base 12 is read as the recited cam assembly pocket.

As to claim 4, Figs. 4-7 disclose the cam assembly being adapted for linear displacement relative to the base.

As to claim 5, fig. 1 shows a helical spring 32.

As to claim 7, fig. 8 shows the cam assembly having pusher bars 46 extending from a body.

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As to claim 8, fig. 1 shows the cam assembly having a cam lobe 36 with a bias element engagement shoulder at the bottom (noted labeled) for engaging with the end of the bias element 32.

As to claim 9, Fig. 2 shows an end 34 is read as the recited bias element seat and a groove under the element 36 for engaging the end of spring 32 is read as the recited open end.

Claims 11-15, 17, 18 have a similar rejections as described above.

5. Claims 6, 10, 16 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, second paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

6. Claim 19 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, second paragraph, set forth in this Office action.

7. Li et al and Matsuoka et al are cited for disclosure of IC sockets.

8. Any inquiry concerning this communication should be directed to Hien D Vu at telephone number (571) 272-2016.



**HIEN VU
PRIMARY EXAMINER**